

Rahul Aggarwal

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Education

Guru Gobind Singh Indraprastha University <i>Master of Computer Applications (GPA: 9.00 / 10.00)</i>	2020-2022 New Delhi, Delhi
PGDAV College, University of Delhi <i>Bachelor of Science in Computer Science (GPA: 9.06 / 10.00)</i>	2016 - 2019 New Delhi, Delhi

Experience

TravClan <i>Software Development Engineer 2</i>	September 2021 – Present New Delhi, Delhi
<ul style="list-style-type: none">Moved the functionality of filtering, searching, pagination and sorting to the backend in Node.js which improved the search query by 30 percentMigrated the infrastructure to Kubernetes using Amazon managed AWS Elastic Kubernetes Service with Helm Chart strategy	
<i>Software Development Engineer 1</i>	New Delhi, Delhi
<ul style="list-style-type: none">Developed a complete Single Sign On System, called Trav-SSO, and integrated on all the internal verticals of the company, for a single sign on experience to company's employees across different systems using Amazon Cognito and Lambda FunctionIntegrated Juspay Payment Aggregator on the products of the company (flights, hotels, wallet) which collected 70 Crore Rupees per monthComplete development and maintenance of SAML Authentication called TravAuth for the Login, Signup and Signout flow of the customers on the portal using AWS CognitoContainerised Django based application using Docker	
<i>Apprenticeship</i>	New Delhi, Delhi
<ul style="list-style-type: none">Developed a Flight System using wrapper APIs in Django Framework which got live on 2800+ Travel Agent's B2B2C websitesIntegrated RazorpayX Payout system to our own Travpay portal for instant payout to Travel Agents from their TravClan Wallet	
My Next Film <i>Software Engineer Intern</i>	September 2019 – October 2019 New Delhi, Delhi
<ul style="list-style-type: none">Worked On a Project based on Automating Movie Screenplay from StorylineImplemented the concept of tokenization in Natural Language Processing using libraries like Core NLP, Spacy	

Projects

Website Builder <i>Django REST, AWS, Amazon Cognito, NGINX</i>
<ul style="list-style-type: none">Led the backend development of a microservices-based website builder platform using Django REST FrameworkDesigned and deployed a RESTful API using Django and Django REST FrameworkImplemented the concept of NGINX to route subdomain websites on a AWS Cloud EC2 instance

Technical Skills

Languages: C++, Python, Javascript
Technologies: Django, Flask, Node.js, Elasticsearch, Helm, Terraform, Kubernetes, Jenkins, Docker
Cloud Technologies: AWS EC2, Lambda Function, ECR, RDS, Cognito, ElastiCache, VPC, Botocore, S3, Secrets Manager familiar with GCP
Databases: MySQL, MongoDB
Concepts: Compiler, Operating System, Virtual Memory, Cache Memory, JWT, API, Database Normalization, Cloud Computing, NGINX